

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 9/15/2015, 9/16/2015, 9/17/2015	Man Days: 3
Inspection Unit: Paris	
Location of Audit: Paris	
Exit Meeting Contact: Kevin Glaspy	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Charles Gribbins	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Headquarters Address Information:	300 Liberty Peoria, IL 61602 Emergency Phone#: (800) 755-5000 Fax#:	
Official or Mayor's Name:	Ron Pate Phone#: (217) 424-6518 Email:	
Inspection Contact(s)	Title	Phone No.
Kevin Glaspy	Quality Assurance Consultant	(217) 820-4221

CUSTOMER METER & REGULATOR		Status
[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	Satisfactory
<u>General Comment:</u> <i>The following meter sets were inspected verifying the information to the questions listed in each of the section dealing with customer meter locations.</i> 218 Bristol Street 219 Bristol Street 217 Bristol Street 228 West Court 226 West Court 222 West Court 220 West Court 218 West Court 101 South Central 209 West Court		

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

211 West Court
 Presbyterian Church
 302 Vanburen
 304 Vanburen
 306 Vanburen
 311 Vanburen
 310 Vanburen
 315 Jackson
 311 Jackson
 301 Jackson
 1402 Tenbroeck
 1311 Central Street
 1307 Central Street
 1305 Central Street.

[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	Satisfactory
[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	Satisfactory
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	Not Checked
<u>General Comment:</u>		
During this audit staff did not encounter any locations that were subjected to flooding that would affect the meter sets.		
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	Satisfactory
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	Satisfactory
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	Satisfactory
<u>General Comment:</u>		
Most meter were found to have a case rating of 5 psig.		
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	Satisfactory
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Not Applicable
<u>General Comment:</u>		
Staff did not encounter any curb valves on the service lines.		
[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Satisfactory
<u>General Comment:</u>		
Staff noted several locations where the meter set had been removed and the lock wing was pad locked.		
CATHODIC PROTECTION		Status
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Satisfactory
[192.465(a)]	Were pipe to soil readings taken?	Satisfactory

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<u>General Comment:</u> <i>Pipe to soil reading were obtained at the following locations:</i> 222 West Court -1.19 volts 220 West Court -1.19 volts 218 West Court -1.15 volts 209 West Court -1.02 volts 211 West Court -1.063 volts Presbyterian Church -1.06 volts 311 Vanburen -1.11 volts 310 Vanburen -1.13 volts 315 Jackson -1.09 volts 311 Jackson -1.14 volts 301 Jackson -1.12 volts 1402 Tenbroeck -1.19 volts		
[192.465(b)]	Were rectifier installations inspected?	Not Applicable
<u>General Comment:</u> <i>The cathodic protection system for this area was comprised of installed anodes.</i>		
[192.465(a)]	Were isolated mains/services tested?	Not Checked
<u>General Comment:</u> <i>Staff did not verify if there were any isolated mains or services in the Paris service area at the time of this inspection.</i>		
[192.465(c)]	Were critical/non critical bonds tested?	Not Checked
<u>General Comment:</u> <i>Staff did not verify that the system contained any bonds critical or non-critical at the time of this inspection.</i>		
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Satisfactory
<u>General Comment:</u> <i>Staff verified that electrical isolation was provided by use of insulated meter spuds and insulated flanges at the regulating stations.</i>		
[192.467(c)]	Were casings installations tested for electrical isolation?	Not Checked
<u>General Comment:</u> <i>Staff did not verify casings installations at the time of this inspection.</i>		
[192.479(a)]	Is the above ground piping coated or painted as required?	Satisfactory
<u>General Comment:</u> <i>All above ground piping was found to have been painted at all the above ground piping at the meter sets and regulating stations.</i>		
[192.479(c)]	Is the pipeline free of corrosion or pitting?	Satisfactory
<u>General Comment:</u> <i>There was no corrosion or pitting occurring on any of the above grade piping at the meter sets and regulating stations.</i>		

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

DAMAGE PREVENTION		Status
[192.614]	Does the operator have a valid notification of planned excavation activities?	Satisfactory
<p><u>General Comment:</u></p> <p>Staff verified the marking requirements of the following JULIE Tickets: A2500339 Buena Vista A2500342 Jefferson Street X2540612 Buena Vista X2540624 Front Street Staff had a company locator verify that the marking were correct at the following address's. 132 Buena Vista Street 134 Buena Vista Street 131 Buena Vista Street 133 Buena Vista Street 140 Buena Vista Street 138 Buena Vista Street</p>		
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	Satisfactory
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Satisfactory
<p><u>General Comment:</u></p> <p>Staff verified the temporary marking of mains and services that were previously located in the City of Kansas, Illinois. See above information concerning the addresses located.</p>		
[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	Satisfactory
<p><u>General Comment:</u></p> <p>Line Markers were noted along the right of way along State Route 16</p>		
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	Satisfactory
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	Satisfactory
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	Satisfactory
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	Satisfactory
<p><u>General Comment:</u></p>		

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

The sign colors are yellow back ground with black lettering.

PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)		Status
<p><u>Category Comment:</u></p> <p><i>The following Pressure Limiting and Regulating Stations were inspected:</i> Station ID 360014 Gas Plant Station ID 360015 Blackburn & Central Station ID 360016 W Elizabeth & Jefferson Station ID 360017 Edgar & Central Station ID 360018 Route 133 & Morgan Foods Parking Lot Station ID 360021 At Alley East of Bayard Street on Newton Street Station ID 360023 Near the Intersection of Terre Haute Road and Jasper Station ID 360011 West End Avenue & Harrison Station ID 360012 Shaw & Monroe</p>		
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	Satisfactory
<p><u>General Comment:</u></p> <p><i>Staff verified the inspection date by having the operator provide the following documents Pressure Control Station Inspection Form.</i></p>		
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Satisfactory
<p><u>General Comment:</u></p> <p><i>The above ground stations are protected from damage by distance from the roadway, fencing, and barricades.</i></p>		
[192.741(a),192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Satisfactory
<p><u>General Comment:</u></p> <p><i>Staff did inspect recording gauges and pressure recording charts and several locations.</i></p>		
[192.743(a)]	Is overpressure protection provided on the pipeline downstream of the take point?	Not Checked
<p><u>General Comment:</u></p> <p><i>Staff did not check the downstream piping to confirm overpressure protection at the time of this inspection.</i></p>		
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Satisfactory
<p><u>General Comment:</u></p> <p><i>The support for the pressure relief or pressure limiting devices were made of steel piping.</i></p>		
[192.199(e)]	Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	Satisfactory

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<u>General Comment:</u>		
Staff inspected the pressure relief devices and all were equipped with a flapper device to prevent accumulation of water, ice, or snow and all located where it can vent freely to the atmosphere.		
[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	Satisfactory
<u>General Comment:</u>		
Staff checked the valves that are located under the relief device were locked or in fenced stations with at least a six foot fence with three strands of barbed wire at the top of the fence.		
VALVE MAINTENANCE		Status
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	Satisfactory
<u>General Comment:</u>		
The following valves were checked and a wrench put on the valve nut. Emergency valve D81 Emergency valve D45 Emergency valve D88 Emergency valve D84 Emergency valve D42 Emergency valve D80 Emergency valve 360001 Emergency valve D87 Emergency valve D22		
ODORIZATION OF GAS		Status
<u>Category Comment:</u>		
Staff did not conduct and Odor Intensity level inspection during this field inspection. There was not any Odorization equipment at this location.		
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	Not Checked
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	Not Checked
[192.625(f)]	Was the operator's equipment calibrated as required?	Not Checked
TRANSMISSION		Status
<u>Category Comment:</u>		
There was not any transmission valves located in the distribution system.		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	Not Applicable
[192.745(a)]	Were the valves inspected accessible?	Not Applicable
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Not Checked
<u>General Comment:</u>		
Staff did inspect any pre-tested transmission pipe at this location.		
[192.179(c)]	If blow down activities were observed, were the blow down valves properly sized	Not Checked

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

	to allow the transmission pipeline to vent as rapidly as practicable and did the blow down vent freely to atmosphere away from any hazards?	
<u>General Comment:</u> <i>Staff did not observe any blow down of transmission pipelines during this inspection</i>		
MARKING OF MATERIAL		Status
[192.63(a)]	Does the operator's components and pipe contain the required markings?	Not Checked
<u>General Comment:</u> <i>Staff did not inspect any components or pipe for the required markings.</i>		
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No
<u>General Comment:</u> <i>Staff did not perform any operator qualifications during this inspection.</i>		

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.